

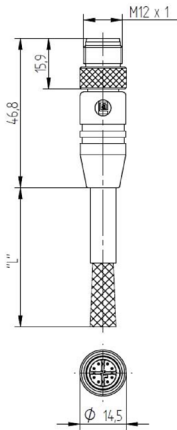
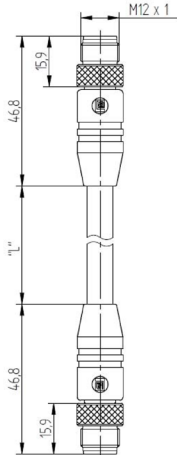
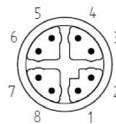




Gigabit Shielded Industrial-Ethernet M12 Cord Sets

Rail-approved versions

Type	BRSTS 8X-552/... M		BRSTS 8X-BRSTS 8X-552/... M									
												
Product description	Ethernet Gigabit Cord set, single ended M12 male connector with molded cable, X-coded, supports transfer rates up to 10 Gigabit, 360° shielding connected to knurled screw, 2M, 5M, 10M and 15M cable lengths. Connectors comply with international railway standards		Ethernet Gigabit Cord set, double ended M12 male connector with molded cable, X-coded, supports transfer rates up to 10 Gigabit, 360° shielding connected to knurled screw, 2M, 5M, 10M and 15M cable lengths. Connectors comply with international railway standards									
Standards	IEC 61076-2-109 Control Cable: <ul style="list-style-type: none">• ISO/IEC 11801 Cat 7• EN 50173-1• DIN 5510-2, EN 45545-2• TIA/EIA-568-B.2 (May 2001)											
Approvals	DIN EN 50155 (in accordance), DIN EN 45545-2, DIN EN 50467, DIN EN 61373											
Ordering information	Part number	Order number	Part number	Order number								
	BRSTS 8X-552/2 M	934809009	BRSTS 8X-BRSTS 8X-552/2 M	934809013								
	BRSTS 8X-552/5 M	934809010	BRSTS 8X-BRSTS 8X-552/5 M	934809014								
	BRSTS 8X-552/10 M	934809011	BRSTS 8X-BRSTS 8X-552/10 M	934809015								
	BRSTS 8X-552/15 M	934809012	BRSTS 8X-BRSTS 8X-552/15 M	934809016								
Technical illustration	M12		M12 to M12									
												
Pin Assignment	 <table><tr><td>1 = white/orange</td><td>5 = white/brown</td></tr><tr><td>2 = orange</td><td>6 = brown</td></tr><tr><td>3 = white/green</td><td>7 = white/blue</td></tr><tr><td>4 = green</td><td>8 = blue</td></tr></table>				1 = white/orange	5 = white/brown	2 = orange	6 = brown	3 = white/green	7 = white/blue	4 = green	8 = blue
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Environmental conditions	BRSTS 8X-552/... M	BRSTS 8X-BRSTS 8X-552/... M
Degree of protection (IP), mounted	IP 67	
Environmental temperature	-40°C to +85°C	
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110)	
Mechanical data		
Type of plug-in contact	Male	
Design of housing	Straight	
Thread	M12	
Coding	X	
Materials		
Housing material / Molded body	PA, Black	
Contact bearer	PA, Black	
Contact	CuZn	
Contact plating	Cu/Au	
Knurled nut	CuZn, surface: nickel-plated	
Shielding sleeve	die casting, surface: tin-plated	
Approvals		
Approvals	EN 50155, IEC 61373, DIN 454, E DIN EN 61076-2-109	
RoHS 2002/95 EG compliant	yes	
Cable specifications		
Cable jacket	X-FRNC/LSNH jacket, halogen-free	
Color	Blue	
Electrical data		
Rated voltage	48 V	
Rated current	0.5 A at 40°C	
Rated impulse voltage	1.5 kV	
Polution degree	3 acc. to DIN EN 60664-1 (VDE 0110)	
Contact resistance	≤ 5 mΩ	
Characteristics		
	  	

The application of these products in harsh environments should always be checked before use.
 Specifications subject to alteration.

Mouser Electronics

Authorized Distributor

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[M](#) [BRSTS 8X-552/20 M](#) [BRSTS 8X-552/10 M](#) [BRSTS 8X-552/5 M](#) [BRSTS 8X-552/2 M](#) [BRSTS 8X-BRSTS 8X-552/2](#)
[M](#)